

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dharma R. Kodali et al. Art Unit : Unknown
Serial No. : Unknown Examiner : Unknown
Filed : November 17, 2003
Title : PLANTS, SEEDS AND OILS HAVING AN ELEVATED TOTAL
MONOUNSATURATED FATTY ACID CONTENT

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INFORMATION DISCLOSURE STATEMENT

This statement is being filed with the application. Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/128,602, filed on August 3, 1998 and application serial number 09/995,297 filed on November 27, 2001. The attached list of references were submitted to and/or cited by the Office in the prior applications and, therefore, are not provided in this application.

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Respectfully submitted,

Date: Nov 14, 2003

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07148-072003	Application No. Unknown
	Applicant Dharma R. Kodali et al.		
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,987,071	01/22/91	Cech et al.			
	AB	5,254,678	10/19/93	Haseloff et al.			
	AC	5,387,758	02/07/95	Wong et al.			
	AD	5,413,725	05/09/95	Lal et al.			
	AE	5,434,283	07/18/95	Wong et al.			
	AF	5,451,334	09/19/95	Bongardt et al.			
	AG	5,625,130	04/29/97	Grant et al.			
	AH	5,629,193	05/13/97	Hudson et al.			
	AI	5,703,022	12/30/97	Floyd			
	AJ	5,773,391	06/30/98	Lawate et al.			
	AK	5,840,946	11/24/98	Wong et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	0 255 378 B1	02/03/88	EPO				
	AM	WO 91/15578	10/17/91	PCT				
	AN	WO 93/11245	06/10/93	PCT				
	AO	WO 94/11516	05/26/94	PCT				
	AP	WO 95/15387	06/08/95	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Arondel et al., "Map-Based Cloning of a Gene Controlling Omega-3 Fatty Acid Desaturation in <i>Arabidopsis</i> ," <u>Science</u> , 1992, 258:1353-1355
	AR	Axtell, "Breeding for Improved Nutritional Quality," <u>Plant Breeding II</u> , 1981, Chapter 10, pp. 365-415
	AS	Budziszewski et al., "Uses of Biotechnology in Modifying Plant Lipids," <u>Lipids</u> , 1996, 31:557-569
	AT	Canvin, "The Effect of Temperature on the Oil Content and Fatty Acid Composition of the Oils from Several Oil Seed Crops," <u>Can. J. of Botany</u> , 1965, 43:63-69
	AU	Carr, "Processing of Oilseed Crops," <u>Oil Crops of the World</u> , 1989, Chapter 11, pp. 226-259

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	AV	Chen and Beversdorf, "Fatty acid inheritance in microspore-derived Populations of spring rapeseed (<i>Brassica napus</i> L.)," <u>Theor. Appl. Genet.</u> , 1990, 80:465-469
	AW	de Feyter et al., "Expressing Ribozymes in Plants," <u>Methods Mol. Biol.</u> , P.C. Turner (ed.), Humana Press Inc., Tolowa, NJ, 74:403-415
	AX	De Luca, "Molecular characterization of secondary metabolic pathways," <u>AgBiotech News and Information</u> , 1993, 5(6):225N-229N
	AY	Doyle et al., "The Glycosylated Seed Storage Proteins of <i>Glycine max</i> and <i>Phaseolus vulgaris</i> ," <u>J. Biol. Chem.</u> , 1986, 261(20):9228-9238
	AZ	Finnegan and McElroy, "Transgene Inactivation: Plants Fight Back!" <u>Bio/Technology</u> , 1994, 12:883-888
	AAA	Gaul, "Mutations in Plant Breeding," <u>Radiation Botany</u> , 1964, 4:155-232
	ABB	Hitz et al., "Cloning of a Higher-Plant Plastid ω -6 Fatty Acid Desaturase cDNA and its Expression in a Cyanobacterium," <u>Plant Physiol.</u> , 1994, 105:635-641
	ACC	Jönsson et al., "Quality breeding in rapeseed," <u>Svalöf 1886-1986 Research and Results in Plant Breeding</u> , Gösta Olsson (ed.), LTs forlag, Stockholm, pp. 173-184
	ADD	Katavic et al., <u>14th International Symposium on Plant Lipids</u> , July 23-28, 2000, Cardiff, Wales, UK, Abstract B54
	AEE	Lassner et al., "Lysophosphatidic Acid Acyltransferase from Meadowfoam Mediates Insertion of Erucic Acid at the <i>sn</i> -2 Position of Triacylglycerol in Transgenic Rapeseed Oil," <u>Plant Physiol.</u> , 1995, 109:1389-1394
	AFF	McVetty et al., "Venus high erucic acid, low glucosinolate summer rape," <u>Can J. Plant Sci.</u> , 1996, 76(2):341-342
	AGG	McVetty et al., "Neptune high erucic acid, low glucosinolate summer rape," <u>Can J. Plant Sci.</u> , 1996, 76(2):343-344
	AHH	Okuley et al., "Arabidopsis <i>FAD2</i> Gene Encodes the Enzyme That Is Essential for Polyunsaturated Lipid Synthesis," <u>Plant Cell</u> , 1994, 6:147-158
	AII	Perriman et al., "Effective ribozyme delivery in plant cells," <u>Proc. Natl. Acad. Sci. USA</u> , 1995, 92:6175-6279
	AJJ	Pleines et al., "Breeding for Improved C18-Fatty Acid Composition in Rapeseed (<i>Brassica napus</i> L.)," <u>Fat. Sci. Technol.</u> , 1988, 90(3):167-171
	AKK	Rakow et al., "Opportunities and Problems in Modification of Levels of Rapeseed C ₁₈ Unsaturated Fatty Acids," <u>J. Am. Oil Chem. Soc.</u> , 1973, 50:400-403
	ALL	Roy et al., "IXLIN - an Interspecific Source for High Linoleic and Low Linolenic Acid Content in Rapeseed (<i>Brassica napus</i> L.)" <u>Z. Pflanzenzüchtg.</u> , 1985, 95:201-209
	AMM	Roy et al., "Prospects for the Development of Rapeseed (<i>B. napus</i> L.) with Improved Linoleic and Linolenic Acid Content," <u>Plant Breeding</u> , 1987, 98:89-96
	ANN	Sambrook et al., <u>Mol. Cloning</u> , 1989, 2 nd Edition, Cold Spring Harbor Laboratory Press, Plainview, New York, Sections 9.31-9.58
	AOO	Scarth et al., "Stellar Low Linolenic-High Linoleic Acid Summer Rape," <u>Can J. Plant Sci.</u> , 1988, 68:509-511
	APP	Scarth et al., "Mercury high erucic low glucosinolate summer rape," <u>Can J. Plant Sci.</u> , 1995, 75(1):205-206

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	AQQ	Slightom et al., "Complete nucleotide sequence of a French bean storage protein gene: Phaseolin," <u>Proc. Natl. Acad. Sci. USA</u> , 1983, 80:1897-1901
	ARR	"Status of Regulated Plants with Novel Traits (PNTs) in Canada: Environmental Release, Novel Livestock Feed Use, Variety Registration and Novel Food Use," Canadian Food Inspection Agency, 2000, pp. 1-8
	ASS	Töpfer et al., "Modification of Plant Lipid Synthesis," <u>Science</u> , 1995, 268:681-686
	ATT	Vecchio, "High-laurate canola: How Calgene's program began, where it's headed," <u>INFORM</u> , 1996, 7(3):230-231, 235-236, 239-240 and 242
	AUU	Velasco et al., "Increasing erucic acid content in Ethiopian mustard through mutation breeding," <u>Plant Breeding</u> , 1998, 117:85-87
	AVV	Yadav et al., "Cloning of Higher Plant ω -3 Fatty Acid Desaturases," <u>Plant Physiol.</u> , 1993, 103:467-476
	AWW	Zou et al., "Modification of Seed Oil Content and Acyl Composition in the Bassicaceae by Expression of Yeast <i>sn</i> -2 Acyltransferase Gene," <u>The Plant Cell</u> , 1997, 9:909-923

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